Date: July 11, 2005 Attorney Docket No. 10113671

Appl. No. 10/761,702 Examiner: Warren, Matthew E, Art Unit 2815 In response to the Office Action dated March 10, 2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A bit line contact structure, comprising:

a substrate having a transistor thereon, the transistor having a <u>raised</u> gate electrode, <u>a</u> drain region, and <u>a</u> source region;

a composite dielectric layer, sequentially having a first dielectric layer, barrier layer, and second dielectric layer, blanketly formed directly on the transistor, the first dielectric layer comprising a spin-coating material, the composite dielectric layer having an opening exposing the drain region; and

a conductive layer in the opening.

Claim 2 (canceled)

Claim 3 (original): The structure as claimed in claim 1, wherein the first dielectric layer is about 3000Å to 4000Å thick.

Claim 4 (original): The structure as claimed in claim 1, wherein the barrier layer is SiN.

Claim 5 (original): The structure as claimed in claim 1, wherein the barrier layer is about 100Å to 300Å thick.

Claim 6 (original): The structure as claimed in claim 1, wherein the second dielectric layer comprises an oxide layer.

Claim 7 (original): The structure as claimed in claim 1, wherein the second dielectric layer is about 1000Å to 3000Å thick.

Claim 8 (original): The structure as claimed in claim 1, wherein the conductive layer is doped polycrystalline silicon, tungsten, aluminum, or copper.

Page 3 of 9

Appl. No. 10/761,702 Examiner: Warren, Matthew E, Art Unit 2815 In response to the Office Action dated March 10, 2005 Date: July 11, 2005 Attorney Docket No. 10113671

Claim 9 (original): The structure as claimed in claim 1, wherein the first conductive layer is about 2000Å to 4000Å thick.

Claims 10-24 (canceled)

Claim 25 (new): A bit line contact structure, comprising:

a substrate having a transistor thereon, the transistor having a raised gate electrode, a drain region, and a source region;

a composite dielectric layer, sequentially having a first dielectric layer, barrier layer, and second dielectric layer, directly on the transistor, the first dielectric layer comprising polysilsequioxane, the composite dielectric layer having an opening exposing the drain region; and

a conductive layer in the opening.

Claim 26 (new): A bit line contact structure, comprising:

a substrate having a transistor thereon, the transistor having a raised gate electrode, a drain region, and a source region;

a composite dielectric layer, sequentially having a first dielectric layer, barrier layer, and second dielectric layer, directly on the transistor, the first dielectric layer comprising polyimide, the composite dielectric layer having an opening exposing the drain region; and

a conductive layer in the opening.

Claim 27 (new): The structure as claimed in claim 26, wherein the first dielectric layer comprises fluorinated polyimide.